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May 19, 2017: Modeling and Managing Extreme  
Precipitation

Hampton Roads Sea Level Rise/Flooding  
Adaptation Forum

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5-19-2017

# Agenda, Hampton Roads Sea Level Rise/Flooding Adaptation Forum

HR Adaptation Forum

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## Hampton Roads Sea Level Rise/Flooding Adaptation Forum AGENDA

### Modeling and Managing Extreme Precipitation May 19, 2017

Virginia Modeling, Analysis and Simulation Center  
1030 University Blvd., Suffolk, VA 23435

[REGISTRATION REQUIRED](#)

8:30 AM – 9:00 AM	Registration and coffee/continental breakfast
9:00 AM – 9:10 AM	Opening Remarks and Introductions <b>Michelle Covi</b> , <i>Old Dominion University and Virginia Sea Grant</i> <b>Ben McFarlane</b> , <i>Hampton Roads Planning District Commission</i>
9:10 AM – 9:45 AM	Heavy Precipitation Events <b>Jeff Orrock</b> , <i>National Weather Service</i>
9:45 AM – 10:15 AM	Observed U.S. Trends in Extreme Precipitation <b>Emily Janssen Schlie</b> , <i>University of Illinois</i>
10:15 AM- 10:45 AM	Use of Modeling Tools for Assessing Future Flood Risk <b>Tim Hare</b> and <b>John Atkinson</b> , <i>Arcadis</i>
10:45 AM – 11:00 AM	Break
11:00 AM – 11:30 AM	Extreme Precipitation- Lesson from Virginia Beach <b>C. J. Bodnar</b> , <i>City of Virginia Beach</i>
11:30 AM- 12:15 PM	An Analysis of Changing Precipitation Patterns in Hampton Roads <b>Brian Batten</b> and <b>Dmitry Smirnov</b> , <i>Dewberry</i>
12:15 PM – 1:00 PM	Lunch
1:00 PM – 1:45 PM	Real-time Flood Prediction using Data-driven and Hydrodynamic Modeling Tools <b>John Goodall</b> , <i>University of Virginia</i>
1:45 PM- 2:30 PM	Urban Street-Scale Hydrodynamic Flood Modeling of Micro-Burst Rainfall during Hurricane Matthew and Tropical Storm Julia <b>Derek Loftis</b> , <i>Virginia Institute of Marine Science</i>
2:30 PM – 3:00 PM	Discussion/Updates/Announcements

Thank you to our 2017 Hampton Roads Sea Level Rise/Flooding Adaptation Forum sponsors.

